

**QuikTrip No. 613**

This figure is a photometric site plan for QuikTrip No. 613. It includes a detailed site map with building footprints, roads, and various fixtures. A north arrow is located in the bottom right corner. The plan is divided into sections labeled A through Q along the left edge. Luminaire schedules are provided for sections 3, 8, and 9.

**LUMINAIRE SCHEDULE**

SYMBOL	LABEL	QTY	ARRANGEMENT	MOUNTING HEIGHT	LUMENS PER LAMP	LLF	DESCRIPTION	TOTAL WATTS
Ⓐ	A	09	SINGLE	22'	12,591	0.90	SLM-LED-12L-SIL-FT-40-70-CRI	93.1
Ⓑ	B	04	2 @ 90°	22'	12,591	0.90	SLM-LED-12L-SIL-FT-40-70-CRI	93.1
Ⓒ	C	00	2 @ 180°	22'	12,591	0.90	SLM-LED-12L-SIL-FT-40-70-CRI	93.1
Ⓓ	D	03	3 @ 90°	22'	12,591	0.90	SLM-LED-12L-SIL-FT-40-70-CRI	93.1
Ⓔ	E	32	SINGLE	15' TO 19'	12,793	0.35	SCV-LED-13L-SC-40	83.6
Ⓕ	F	09	SINGLE	10' TO 12'	5,326	0.90	XSL2-S-LED-50-SS-40	59.9
Ⓖ	G	08	SINGLE	12'	6,275	0.90	XWM-3-LED-06-40	54.0
Ⓗ	H	03	SINGLE	22'	8,048	0.90	SLM-LED-12L-SIL-FT-40-70-CRI-IL	93.1

**PROJECT NO.: #####**

**ORIGINAL ISSUE DATE:**

**REV. DATE DESCRIPTION**

**SHEET TITLE:** PHOTOMETRIC SITE PLAN

**SHEET NUMBER:** C160

**FILE LOCATION:** St Louis\613\613 Civil\Lighting\613\613 Photometric.lwg

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## Slice Medium - SLM Outdoor LED Area Light

The Slice's sleek design makes it perfectly-suited for Commercial & Industrial applications, while its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Slice offers high performance silicone optics, die cast aluminum housing, 42,000+ lumens and is available with integral Airlink Synapse controls.

### Features & Specifications

#### Optical System

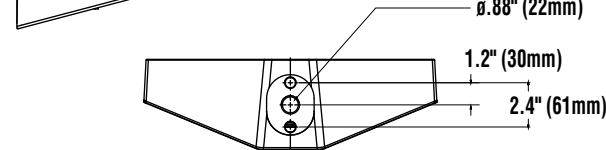
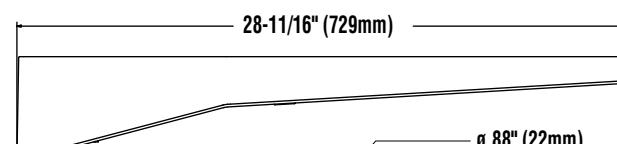
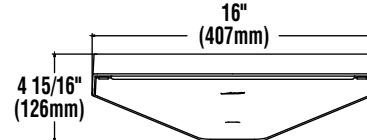
- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak intensity at 610nm.
- Minimum CRI of 70.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

#### Electrical

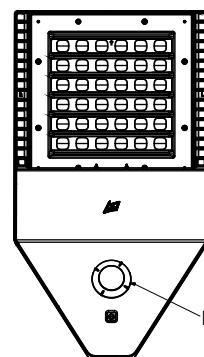
- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L lumen package rated to +40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.



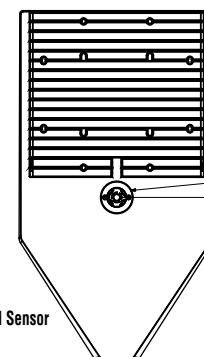
#### Product Dimensions



B3 Pole Drill Pattern



Bottom View



Top View



# Slice Medium - SLM Outdoor LED Area Light

## Features & Specifications (Cont.)

### Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Designed to mount to square poles.
- Luminaire is proudly manufactured in the U.S. of U.S. and imported parts.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 30 lbs in carton.

### Controls

#### Wireless Controls System

To make this fixture AirLink ready, simply order one of the following options:

- The integrated [Wireless Lighting Controller](#): ALSC or ALSCH (see ordering guide) as the controls option, or
- Integrated Wireless Controller option (above) with integrated motion sensor: ALSCS (ordering guide for mounting heights) or
- The 7-Pin Photoelectric Control Receptacle: CR7P as the controls option; and either the [5-Pin](#) or [7-Pin Twist Lock Controller](#): ALSC UNV TL5 or ALSC UNV TL7 as an accessory

To see how the components of AirLink system work together, reference the diagram in the controls section of this spec sheet. For more information on our AirLink products, visit our website: [www.lsi-airlink.com/airlink-synapse/](http://www.lsi-airlink.com/airlink-synapse/)

### Stand-Alone Controls

- Integral Passive Infrared Bluetooth™ Motion/Photocell Sensor (IMSBT)
  - Switches luminaire light levels based on motion and daylight (see the controls section for more details)
  - Fixtures operate independently and can be commissioned via iOS or Android configuration app
- 7-pin ANSI C136.41-2013 photocontrol receptacle (CR7P)
  - Available for twist lock photocontrols or wireless control modules

### Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional 3" drill pattern B3 for easy fastening of LSI products. (See drawing on page 1)

### Warranty

- LSI LED Fixtures carry a 5-year warranty.

### Listings

- Listed to UL 1598 and UL 8750.
- RoHS Compliant.
- American Recovery and Reinvestment Act Funding Compliant.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet Locations.
- IP66 rated Luminaire. IP66 rated optical chamber.
- 3G rated for ANSI C136.31 high vibration applications

## Performance

### ELECTRICAL DATA (AMPS)\*

Lumens	Watts	120V	208V	240V	277V	347V	480V
9L	68.2	0.6A	0.3A	0.3A	0.2A	0.2A	0.1A
12L	93.1	0.8A	0.4A	0.4A	0.3A	0.3A	0.2A
18L	148.5	1.2A	0.7A	0.6A	0.5A	0.4A	0.3A
24L	188.8	1.6A	0.9A	0.8A	0.7A	0.5A	0.4A
30L	248.6	2.1A	1.2A	1.0A	0.9A	0.7A	0.5A
36L	317.8	2.6A	1.5A	1.3A	1.1A	0.9A	0.7A
42L	393.4	3.3A	1.9A	1.6A	1.4A	1.1A	0.8A

\*Electrical data at 25C (77F). Actual wattage may differ by +/-10%

### ELECTRICAL DATA - PHOSPHOR CONVERTED AMBER (AMPS)\*

Lumens	Watts	120V	208V	240V	277V	347V	480V
9L	74.3	0.6A	0.4A	0.3A	0.3A	0.2A	0.2A
12L	102.9	0.9A	0.5A	0.4A	0.4A	0.3A	0.2A

\*Electrical data at 25C (77F). Actual wattage may differ by +/-10%

### RECOMMENDED LUMEN MAINTENANCE<sup>1</sup>(24-42L)

Ambient	Initial <sup>2</sup>	25 hr <sup>2</sup>	50 hr <sup>2</sup>	75 hr <sup>3</sup>	100 hr <sup>3</sup>
0-40 C	100%	100%	97%	94%	92%

### RECOMMENDED LUMEN MAINTENANCE<sup>1</sup>(9-18L)

Ambient	Initial <sup>2</sup>	25 hr <sup>2</sup>	50 hr <sup>2</sup>	75 hr <sup>3</sup>	100 hr <sup>3</sup>
0-50 C	100%	96%	91%	87%	83%

- 1- Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.
- 2- In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
- 3- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing

### DELIVERED LUMENS\*

Lumen Package	Distribution	Phosphor Converted Amber (Peak 610nm)			Wattage
		Delivered Lumens	Efficacy	BUG Rating	
9L	2	5958	80	B2-U0-G1	74
	2 IL	3735	50	B0-U0-G1	
	3	6196	83	B1-U0-G1	
	3 IL	4205	56	B0-U0-G1	
	5W	5528	74	B3-U0-G1	
	FT	5922	79	B1-U0-G2	
	FT IL	3712	50	B0-U0-G1	
	FTA	5997	80	B2-U0-G2	
12L	FTA IL	4254	57	B0-U0-G1	103
	2	7559	73	B2-U0-G2	
	2 IL	4738	46	B0-U0-G1	
	3	7860	76	B2-U0-G2	
	3 IL	5335	52	B0-U0-G1	
	5W	7013	68	B3-U0-G2	
	FT	7513	73	B2-U0-G2	
	FT IL	4709	46	B0-U0-G2	
	FTA	7608	74	B2-U0-G2	
	FTA IL	5397	52	B0-U0-G1	

\*LED Chips are frequently updated therefore values are nominal

### LUMINAIRE EPA CHART - SLM

		0°	30°	45°		
		Tilt Degree	0°	30°	45°	
■	Single	0.5	2.1	2.6	■	1.2
■-■	D180°	1.1	2.1	2.6	■	1.3
■	D90°	0.9	2.5	3.1	■	1.2
					TN120°	4.4
					Q90°	2.9
						3.6

Specifications and dimensions subject to change without notice.



# Slice Medium - SLM Outdoor LED Area Light

DELIVERED LUMENS*															
Lumen Package	Distribution	CRI	2700K CCT			3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating										
9L	2	70	8349	122	B2-U0-G2	8576	125	B2-U0-G2	9396	137	B2-U0-G2	9784	143	B2-U0-G2	69
	2 IL	70	5185	76	B0-U0-G1	5326	78	B0-U0-G1	5835	85	B0-U0-G1	6076	89	B0-U0-G1	
	3	70	8571	125	B1-U0-G2	8804	129	B1-U0-G2	9646	141	B2-U0-G2	10044	147	B2-U0-G2	
	3 IL	70	6283	92	B0-U0-G2	6454	94	B0-U0-G2	7071	103	B0-U0-G2	7363	107	B0-U0-G2	
	5W	70	8158	119	B3-U0-G2	8380	122	B3-U0-G2	9181	134	B3-U0-G2	9580	140	B4-U0-G2	
	FT	70	8337	122	B2-U0-G2	8563	125	B2-U0-G2	9382	137	B2-U0-G2	9769	143	B2-U0-G2	
	FT IL	70	5393	79	B0-U0-G2	5540	81	B0-U0-G2	6069	89	B0-U0-G2	6320	92	B0-U0-G2	
	FTA	70	8459	123	B2-U0-G2	8689	127	B2-U0-G2	9520	139	B2-U0-G2	9913	145	B2-U0-G2	
12L	FTA IL	70	6200	91	B1-U0-G1	6369	93	B1-U0-G1	6978	102	B1-U0-G1	7266	106	B1-U0-G1	94
	2	70	11157	119	B2-U0-G2	11461	122	B2-U0-G2	12556	134	B3-U0-G2	13075	139	B3-U0-G2	
	2 IL	70	6929	74	B1-U0-G1	7117	76	B1-U0-G2	7798	83	B1-U0-G2	8119	86	B1-U0-G2	
	3	70	11454	122	B2-U0-G2	11766	125	B2-U0-G2	12890	137	B2-U0-G2	13423	143	B2-U0-G2	
	3 IL	70	8396	89	B0-U0-G2	8625	92	B0-U0-G2	9449	101	B0-U0-G2	9839	105	B0-U0-G2	
	5W	70	10902	116	B4-U0-G2	11199	119	B4-U0-G2	12269	131	B4-U0-G2	12775	136	B4-U0-G2	
	FT	70	11141	119	B2-U0-G2	11444	122	B2-U0-G2	12538	133	B2-U0-G3	13055	139	B2-U0-G3	
	FT IL	70	7207	77	B0-U0-G2	7403	79	B0-U0-G2	8110	86	B0-U0-G2	8445	90	B0-U0-G2	
18L	FTA	70	11304	120	B2-U0-G2	11612	124	B2-U0-G2	12722	135	B2-U0-G2	13247	141	B2-U0-G2	150
	FTA IL	70	8286	88	B1-U0-G1	8511	91	B1-U0-G1	9325	99	B1-U0-G1	9710	103	B1-U0-G1	
	2	70	16714	112	B3-U0-G3	17168	115	B3-U0-G3	18809	126	B3-U0-G3	19586	131	B3-U0-G3	
	2 IL	70	10379	69	B1-U0-G2	10662	71	B1-U0-G2	11681	78	B1-U0-G2	12163	81	B1-U0-G2	
	3	70	17158	115	B2-U0-G3	17625	118	B2-U0-G3	19310	129	B3-U0-G3	20107	134	B3-U0-G3	
	3 IL	70	12578	84	B1-U0-G2	12920	86	B1-U0-G2	14155	95	B1-U0-G2	14739	99	B1-U0-G2	
	5W	70	16331	109	B4-U0-G2	16776	112	B4-U0-G2	18379	123	B4-U0-G2	19138	128	B5-U0-G3	
	FT	70	16689	112	B3-U0-G3	17143	115	B3-U0-G3	18781	126	B3-U0-G4	19557	131	B3-U0-G4	
24L	FT IL	70	10795	72	B1-U0-G2	11089	74	B1-U0-G2	12149	81	B1-U0-G3	12651	85	B1-U0-G3	187
	FTA	70	16934	113	B3-U0-G3	17395	116	B3-U0-G3	19058	127	B3-U0-G3	19844	133	B3-U0-G3	
	FTA IL	70	12412	83	B1-U0-G1	12750	85	B1-U0-G2	13969	93	B1-U0-G2	14546	97	B1-U0-G2	
	2	70	20880	112	B3-U0-G3	22701	121	B4-U0-G3	24276	130	B4-U0-G3	24784	133	B4-U0-G3	
	2 IL	70	13100	70	B1-U0-G2	14243	76	B1-U0-G2	15231	81	B1-U0-G2	15550	83	B1-U0-G2	
	3	70	21739	116	B3-U0-G3	23636	126	B3-U0-G4	25275	135	B3-U0-G4	25804	138	B3-U0-G4	
	3 IL	70	15828	85	B1-U0-G3	17209	92	B1-U0-G3	18403	98	B1-U0-G4	18788	100	B1-U0-G4	
	5W	70	20632	110	B5-U0-G3	22432	120	B5-U0-G3	23988	128	B5-U0-G3	24490	131	B5-U0-G3	
30L	FT	70	21611	116	B3-U0-G4	23496	126	B3-U0-G4	25126	134	B3-U0-G4	25652	137	B3-U0-G4	247
	FT IL	70	13692	73	B1-U0-G3	14886	80	B1-U0-G3	15919	85	B1-U0-G3	16252	87	B1-U0-G3	
	FTA	70	21496	115	B3-U0-G3	23371	125	B3-U0-G3	24992	134	B3-U0-G3	25515	136	B3-U0-G3	
	FTA IL	70	15226	81	B1-U0-G2	16555	89	B1-U0-G2	17703	95	B2-U0-G2	18073	97	B2-U0-G2	
	2	70	26581	108	B4-U0-G3	28900	117	B4-U0-G3	30905	125	B4-U0-G3	31551	128	B4-U0-G3	
	2 IL	70	16677	68	B1-U0-G2	18132	73	B1-U0-G2	19390	79	B1-U0-G2	19796	80	B1-U0-G2	
	3	70	27675	112	B3-U0-G4	30089	122	B3-U0-G4	32176	130	B3-U0-G4	32850	133	B3-U0-G4	
	3 IL	70	20150	82	B1-U0-G4	21908	89	B1-U0-G4	23428	95	B1-U0-G4	23918	97	B1-U0-G4	
36L	5W	70	26266	106	B5-U0-G3	28557	116	B5-U0-G3	30538	124	B5-U0-G4	31177	126	B5-U0-G4	317
	FT	70	27512	111	B3-U0-G4	29912	121	B3-U0-G4	31987	130	B3-U0-G4	32656	132	B3-U0-G5	
	FT IL	70	17430	71	B1-U0-G3	18951	77	B1-U0-G4	20266	82	B1-U0-G4	20690	84	B1-U0-G4	
	FTA	70	27365	111	B3-U0-G3	29752	120	B4-U0-G3	31816	129	B4-U0-G3	32482	132	B4-U0-G3	
	FTA IL	70	19384	78	B2-U0-G2	21075	85	B2-U0-G2	22537	91	B2-U0-G2	23008	93	B2-U0-G2	
	2	70	32214	102	B4-U0-G3	35025	111	B4-U0-G3	37454	118	B4-U0-G3	38238	121	B4-U0-G4	
	2 IL	70	20212	64	B1-U0-G2	21975	69	B1-U0-G3	23499	74	B2-U0-G3	23991	76	B2-U0-G3	
	3	70	33540	106	B3-U0-G4	36466	115	B3-U0-G5	38996	123	B3-U0-G5	39812	126	B3-U0-G5	
42L	3 IL	70	24421	77	B1-U0-G4	26551	84	B1-U0-G4	28393	90	B1-U0-G4	28987	92	B1-U0-G5	390
	5W	70	31832	101	B5-U0-G4	34609	109	B5-U0-G4	37010	117	B5-U0-G4	37785	119	B5-U0-G4	
	FT	70	33342	105	B3-U0-G5	36251	114	B3-U0-G5	38766	122	B4-U0-G5	39577	125	B4-U0-G5	
	FT IL	70	21125	67	B1-U0-G4	22968	73	B1-U0-G4	24561	78	B1-U0-G4	25075	79	B1-U0-G4	
	FTA	70	33164	105	B4-U0-G3	36058	114	B4-U0-G4	38559	122	B4-U0-G4	39366	124	B4-U0-G3	
	FTA IL	70	23492	74	B2-U0-G2	25541	81	B2-U0-G2	27313	86	B2-U0-G2	27885	88	B2-U0-G2	
	2	70	36785	94	B4-U0-G3	39994	103	B5-U0-G4	42768	110	B5-U0-G4	43663	112	B5-U0-G4	
	2 IL	70	23079	59	B1-U0-G3	25093	64	B2-U0-G3	26833	69	B2-U0-G3	27395	70	B2-U0-G3	
42L	3	70	38299	98	B3-U0-G5	41640	107	B4-U0-G5	44528	114	B4-U0-G5	45460	117	B4-U0-G5	390
	3 IL	70	27886	72	B1-U0-G4	30319	78	B1-U0-G5	32422	83	B1-U0-G5	33100	85	B1-U0-G5	
	5W	70	36349	93	B5-U0-G4	39520	101	B5-U0-G4	42261	108	B5-U0-G4	43145	111	B5-U0-G4	
	FT	70	38073	98	B4-U0-G5	41395	106	B4-U0-G5	44266	114	B4-U0-G5	45192	116	B4-U0-G5	
	FT IL	70	24122	62	B1-U0-G4	26226	67	B1-U0-G4	28045	72	B1-U0-G4	28632	73	B1-U0-G4	
	FTA	70	37870	97	B4-U0-G4	41174	106	B4-U0-G4	44030	113	B4-U0-G4	44951	115	B4-U0-G4	
	FTA IL	70	26825	69	B2-U0-G2	29165	75	B2-U0-G2	31188	80	B2-U0-G2	31841	82	B2-U0-G2	

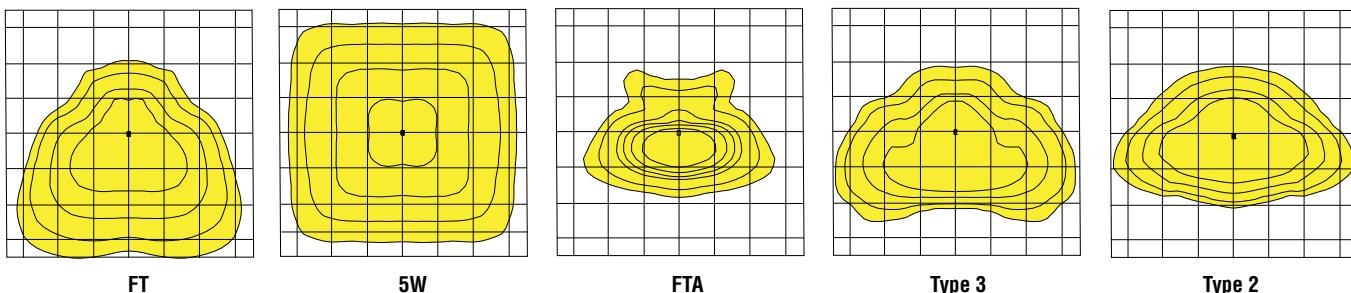
\*LED Chips are frequently updated therefore values are nominal



# Slice Medium - SLM Outdoor LED Area Light

## Performance (Cont.)

All published luminaire photometric testing performed to IESNA LM-79 standards. ISO footcandle plots below demonstrate the Slice (SLM) light patterns only. Not for total fixture output. For complete specifications and IES files, see website.



## Ordering Guide

TYPICAL ORDER EXAMPLE: **SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire Prefix	Light Source	Lumen Package*	Light Output	Distribution	Orientation <sup>1</sup>	Voltage	Driver
SLM Slice Medium	LED	9L - 9,000 lms 12L - 12,000 lms 18L - 18,000 lms 24L - 24,000 lms 30L - 30,000 lms 36L - 36,000 lms 42L - 42,000 lms	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive	(blank) - standard L - Optics rotated left 90 R - Optics rotated right 90	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)

\*Consult factory for  
programmable wattages and  
lumen packages

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT <sup>2</sup> 27 - 2,700 CCT <sup>2</sup> AMB - Phosphor Converted Amber <sup>3</sup>	70CRI - 70 CRI	<b>(Blank) - None</b>  <b>Wireless Controls System</b> ALSC - AirLink Synapse Control System <sup>4</sup> ALSCH - AirLink Synapse Control System Host / Satellite <sup>4,5</sup> ALSCS01 - AirLink Synapse Control System with 8-12' Motion Sensor <sup>4</sup> ALSHS01 - AirLink Synapse Control System Host / Satellite with 8-12' Motion Sensor <sup>4,5</sup> ALSCS02 - AirLink Synapse Control System with 12-20' Motion Sensor <sup>4</sup> ALSHS02 - AirLink Synapse Control System Host / Satellite with 12-20' Motion Sensor <sup>4,5</sup> ALSCS04 - AirLink Synapse Control System with 20-40' Motion Sensor <sup>4</sup> ALSHS04 - AirLink Synapse Control System Host / Satellite with 20-40' Motion Sensor <sup>4,5</sup>  <b>Stand-Alone Controls</b> EXT - 0-10V Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 <sup>7</sup> IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor max 8-24' mounting height <sup>4,6</sup> IMSBT2 - Integral Bluetooth Motion and Photocell Sensor max 25-40' mounting height <sup>4,6</sup>  <b>Button Type Photocells</b> PCI120 - 120V PCI208-277 - 208-277V PCI347 - 347V	BRZ - Bronze BLK - Black GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green	(Blank) - None  IL - Integral Louver HSS <sup>1</sup>



# Slice Medium - SLM Outdoor LED Area Light

## Accessory Ordering Information<sup>8</sup>

Description	Order Number	Description	Order Number
PC120 Photocell for use with CR7P option (120V) <sup>9</sup>	122514	DFK480 Double Fusing (480V)	DFK480
PC208-277 Photocell for use with CR7P option (208V, 240V, 277V) <sup>9</sup>	122515	DFK347 Double Fusing (347V)	DFK347
PC347 Photocell for use with CR7P option (347V) <sup>9</sup>	159516	X5RPP - Round Pole Adapter for 5" Poles <sup>10</sup>	379968CLR
PC480 Photocell for use with CR7P option (480V) <sup>9</sup>	1225180	IL - Integral Louver HSS	684812
ALSC UNV TL5 - Airlink 5Pin Twist Lock Controller <sup>4,9</sup>	661409	Universal Mounting Bracket (UMB) <sup>10</sup>	684616CLR
ALSC UNV TL7 - Airlink 7Pin Twist Lock Controller <sup>4,9</sup>	661410	Adjustable Slip Fitter (ASF) <sup>10</sup>	688138CLR
PMOS24 - 24V Pole-Mount Occupancy Sensor (ALSC/H Compatible) <sup>10</sup>	663284CLR	Pole Quick Mount Bracket - Square Pole <sup>10</sup>	687073CLR
X3RPP - Round Pole Adapter for 3" Round Tapered Poles <sup>10</sup>	408273CLR	Pole Quick Mount Bracket - 4-5" Round Pole <sup>10</sup>	689903CLR
X4RPP - Round Pole Adapter for 4" Poles <sup>10</sup>	379967CLR	15° Tilt Pole Quick Mount Bracket - Square Pole <sup>10</sup>	688003CLR
FK120 Single Fusing (120V)	FK120	15° Tilt Pole Quick Mount Bracket - 4-5" Round Pole <sup>10</sup>	689905CLR
FK277 Single Fusing (277V)	FK277	BKS XBO WM CLR Wall Mount Bracket <sup>10</sup>	382132CLR
DFK208, 240 Double Fusing (208V, 240V)	DFK240		

### FOOTNOTES:

- 1 - Not available on "Type 5W" distribution.
- 2 - Consult Factory for availability.
- 3 - Only available in 9L and 12L Lumen Packages
- 4 - Not available in HV.
- 5 - Consult Factory for Site Layout
- 6 - IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.

7 - Control device must be ordered separately. 7 pin standard. See Accessory Ordering Information.

8 - Accessories are shipped separately and field installed.

9 - Factory installed CR7P option required. See Options.

10 - "CLR" denotes finish. See Finish options.

## Accessories/Options

### Integral Louver (IL)

Accessory Integral Louver available for improved back-light control without sacrificing street side performance. LSI's Integral Louver (IL) option delivers backlight control that significantly reduces light spill behind the pole for applications with pole locations close to adjacent properties. The integrated louvers' design maximizes forward-reflected light while - reducing glare, maintaining the optical distribution selected, and most importantly, eliminating light trespass. The Integral louver rotates with the optical distribution.

#### Luminaire Shown with Integral Louver (IL)



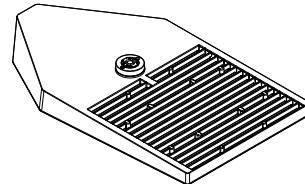
#### Luminaire Shown with IMSBT Option



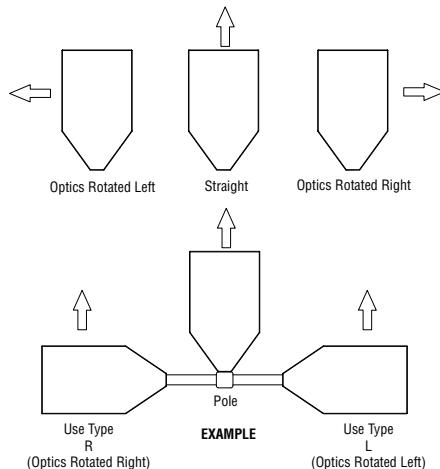
### 7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

#### Fixture Shown with CR7P



### Optics Rotation





# Slice Medium - SLM Outdoor LED Area Light

## Stand-alone Controls: Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations. Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

### Operation Modes

Dusk to Dawn operation via integral photocell switches lights on and off based on the ambient light levels. In this mode the lights remain on all night even with no motion in the area.

Dimming operation turns the lights on to the selected high level when motion is detected and the ambient light level is below the hold off set point. Once the sensor stops detecting motion and the time delay elapses, the lights will go to the low level. If no motion is detected during the cut off time delay period the lights will completely turn off or stay on at the low level depending on settings.

### Configurations

- Initial setup and later adjustments made via iOS and Android App.
- Sensor settings are stored and maintained in the event of a power failure.

**Motion Level** - fully adjustable from 0-100% with default at 100%. Motion Level is defined as when the sensor detects motion the dimming control output goes to the selected high light level.

**Dim Level** - fully adjustable from off, 0-100% with default at 50%. Dim level is defined as when the sensor stops detecting motion and the time delay expires the dimming control output goes down to the selected low light level.

**Time Delay 1** - adjustable from 1 sec to 1 hour and 45 minutes with default 5 minutes. Time delay is defined as the time period that must elapse after the last time the sensor detects motion for the lights to go to low light level.

**Time Delay 2** - the time period that must elapse after the lights go to low light level and the sensor detects no motion for the lights to turn off. This feature may be enabled or disabled. If disabled there is no cut off and the lights stay in the low light level. Adjustable from 1 sec to 8 hours and 59 minutes with default set at 10 minutes.

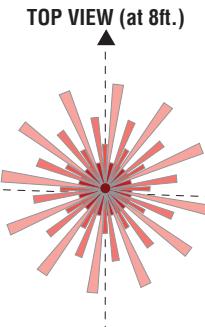
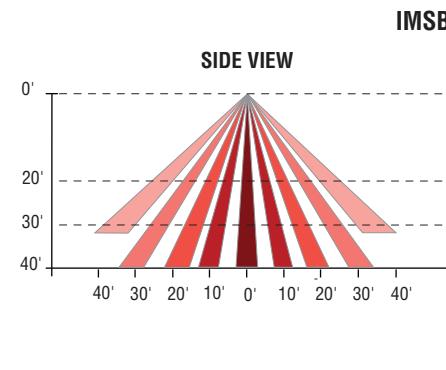
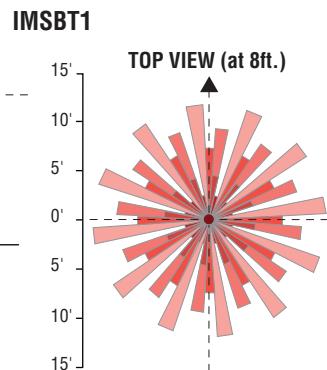
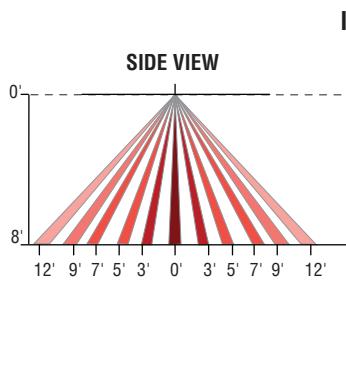
**Sensor sensitivity** – the response of the PIR detector to motion within the sensor's coverage area. Adjustable from low, medium, high. Default setting is low.

**Ambient Light** – when the light level exceeds this setting the lights will turn off even if motion is detected. When the light level goes below the setting the lights will turn on even if no motion is detected. A switch will allow you to enable or disable this feature. ON <30 LUX, OFF >100 LUX.

### Sensor Configuration App

- Range up to 65 ft. outdoor line of sight
- iOS11 or later
- Android 6.0 or later
- Password protected.
- Sensor profiles used for setting up parameters one time and then applying the profile to different sensors requiring the same settings.

## IMSBT Coverage Diagrams



## Configuration App





# Slice Medium - SLM Outdoor LED Area Light



The AirLink enabled by Synapse Wireless Lighting Control System is the perfect solution for commercial, industrial and municipal applications, such as: auto dealerships, parking lots, garages, shopping complexes and warehouses.

AirLink utilizes robust wireless communication via 2.4 GHz Self Healing Mesh Network which not only increases reliability and accuracy of system, but also eliminates single point of failure.

The flexibility of the system make it perfect for new construction and retrofit projects. The user-friendly AirLink web application is accessible through any device with an internet connection and allows for complete customization of the system's features.

Some capabilities of the system include: occupancy/vacancy sensing, daylight harvesting, scheduling, high-end trim, dimming, zone control, BMS integration and energy monitoring.

## The AirLink System

### Wireless controls & sensors



Wireless &  
Override Switches



Occupancy/Vacancy  
& Daylight Sensors



AirLink-integrated  
Fixtures



AirLink-compatible  
Fixtures



Circuit & Zone  
Controllers

### Centralized control & integration



Site Manager Controller

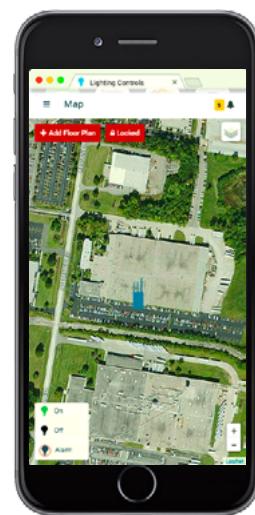


Gateway Module



WiFi, Cellular or  
Ethernet Connection

### Simple-to-use software



AirLink Site Manger: Lighting  
control web app

## Contact LSI Controls



### Sales

controls.sales@lsi-industries.com



### Support

controls.support@lsi-industries.com  
1 (800) 436-7800 (support, option 8)



### More information

For more information on AirLink, visit our website at [www.lsi-airlink.com](http://www.lsi-airlink.com)

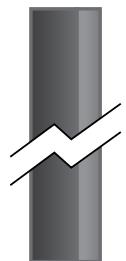


## Slice Medium - SLM Outdoor LED Area Light

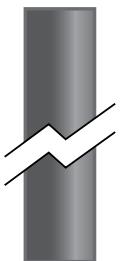
# LSI Poles & Brackets



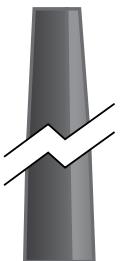
LSI offers a full line of poles and brackets to complete your lighting assembly. Our USA manufacturing facility has the same high quality standards for our poles and brackets as we do our lighting fixtures.



**Square Pole**  
14'-39'



**Round Pole**  
10'-30'



**Tapered Pole**  
20'-39'



### BKA UMB CLR

The 3G rated Universal Mounting Bracket (UMB) allows for seamless integration of LSI Luminaires onto existing/retrofit or new construction poles. The UMB bracket was designed specifically for square or round (tapered/straight) poles with (2) mounting hole spaces between 3.5"-5". Bolt pattern B3 on fixture side.



### BKA ASF CLR

The adjustable Slip Fitter is a 3G rated rugged die cast aluminum adapter to mount LSI luminaires onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon. The Adjustable Slip Fitter can be rotated 180° allowing for tilting LSI luminaires up to 45° and 90° when using a vertical tenon. Works with B3 pole drill pattern.



### BKS PQMH CLR

The Pole Quick Mount Bracket allows for lightning fast installation of LSI luminaires onto existing and new construction poles with LSI's B3 or B5 standard pole bolt patterns. B3 bolt pattern on fixture side.



### BKS PQM15 CLR

The Pole Quick Mount Bracket allows for preset 15° up tilt of LSI luminaires for greater throw of light and increased vertical illumination as well as fast installation onto poles with LSI's 3" or 5" bolt pattern. B3 and B5 pole drill pattern. B3 bolt pattern on fixture side.

# MIRADA WALL SCONCE (XWM)



US & Int'l. patents pending

**SMARTTEC™** - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature

**ENERGY SAVING CONTROL OPTIONS - DIM** - 0-10 volt dimming enabled with LSI wireless controls.

**OPTIONAL INTEGRAL MOTION SENSOR** - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 93° vertical x 10 meters maximum distance.

**LEDS** - Available with 5000K, 4000K or 3000K color temperature, 70 CRI min.

**OPTICS/DISTRIBUTIONS** - Ultra-high efficiency reflectors provide three distributions. Choose from Type 2, Type 3 or Type FT.

**HOUSING** - Three-piece die-cast aluminum housing is smoothly contoured low-profile shape. Mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

**OPTICAL UNIT** - Proprietary silicone refractor optics provide exceptional coverage and uniformity. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals

**WALL MOUNTING** - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water. Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position. Optional pole-mounting bracket permits mounting to standard poles (XPMA).

**ELECTRICAL** - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

**DRIVER** - Drivers are dimming, standard. Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed.

**EMERGENCY OPTIONS** - Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F)

**FINISH** - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

**WARRANTY** - LSI LED fixtures carry a limited 5-year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**SHIPPING WEIGHT (in carton)** - 30 lbs./13.6Kg

**LISTING** - UL listed to ANSI/JUL1598, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



## DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

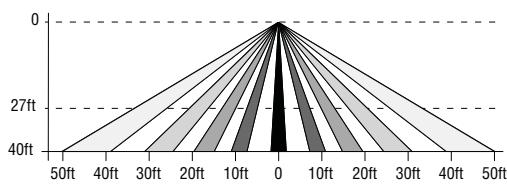
## LIGHT OUTPUT - XWM - 3 5000K CCT

	Lumens	Wattage	LPW
03	3410	29	117
04	4417	40	111
06	6609	59	113
08	8610	82	105

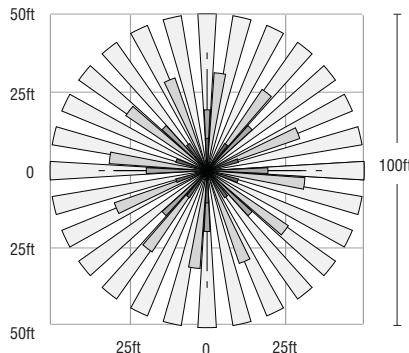
LED Chips are frequently updated therefore values may increase.

## COVERAGE DIAGRAM

### SIDE VIEW



### TOP VIEW



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

Catalog # \_\_\_\_\_

10/20/17

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LSI INDUSTRIES INC.

# MIRADA WALL SCONCE (XWM)

## LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XWM FT LED 08L 50 UE WHT IMS**

Prefix	Distribution	Light Source	Output <sup>8</sup>	Color Temperature	Input Voltage	Finish	Optional Controls	Optional Sensor/Options
XWM - Mirada Wall Sconce	2 - Type 2 3 - Type 3 (Wide Throw) FT - Type 4 (Forward Throw)	LED	03L - 3,400 Lumens 04L - 4,400 Lumens 06L - 6,600 Lumens 08L - 8,600 Lumens	50 - 5000K 40 - 4000K 30 - 3000K	UE - Universal Voltage (120-277)  HV - 347-480	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus WHT - White	<b>Wireless Control System<sup>1,2</sup></b> (blank) - None PCM - Platinum Control System GCM - Gold Control System DIM - 0-10 volt dimming (required for satellite fixtures) ALSC - AirLink Synapse Control System  <b>Stand-Alone Control</b> (blank) - None DIM - 0-10 volt dimming <sup>3</sup> (from external signal)	<b>Sensor</b> IMS - Integral Motion Sensor <sup>4,7</sup>  <b>Options</b> BB - Battery Back-up <sup>5</sup> CWBB - Cold Weather Battery Back-up <sup>5</sup> XPMA - Pole Mounting Bracket

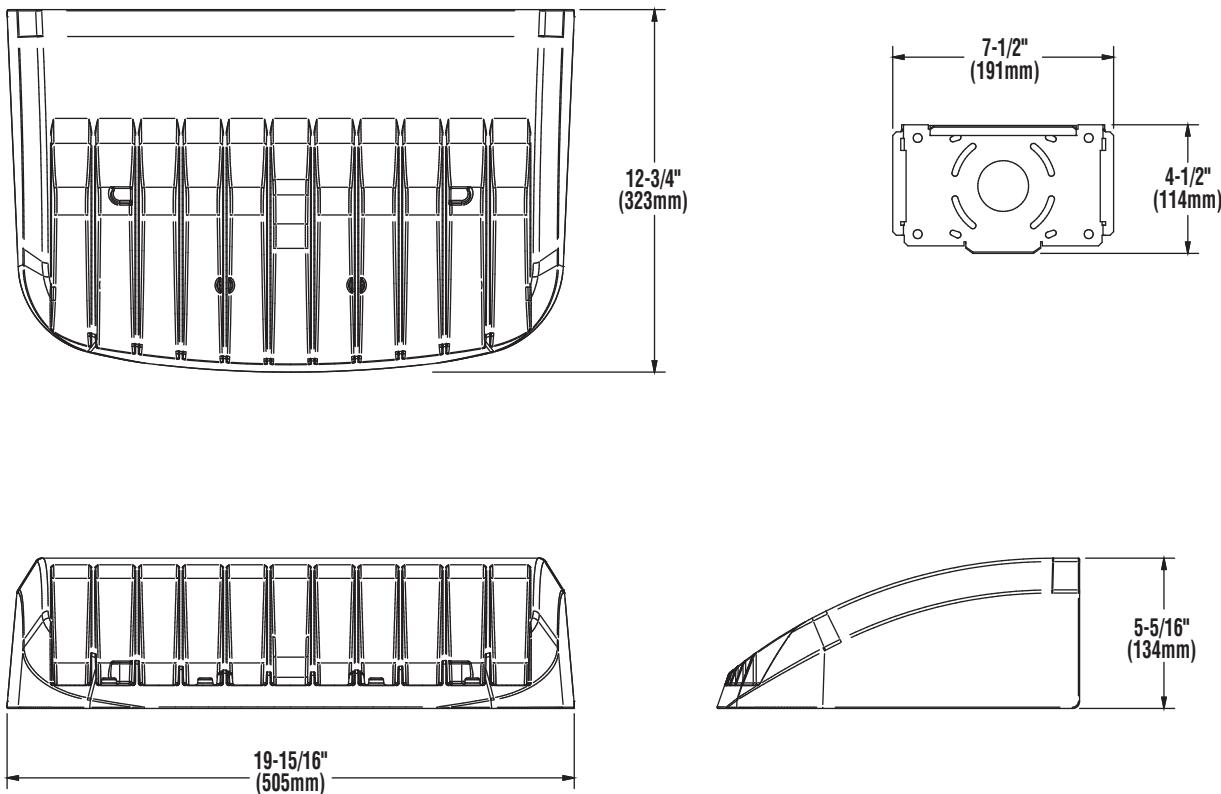
## ACCESSORY ORDERING INFORMATION<sup>1</sup> (Accessories are field installed)

Description	Order Number	Description	Order Number
XWM SW BLK - Surface Wiring Box (Available in black only)	356915BLK	DFK208 - Double Fusing	DFK208
FK120 - Single Fusing	FK120	DFK240 - Double Fusing	DFK240
FK277 - Single Fusing	FK277	DFK480 - Double Fusing	DFK480
FK347 - Single Fusing	FK347	IMS/PC Remote Configurator Tool <sup>7</sup>	584929

### FOOTNOTES:

- 1 - For wireless controls information and accessories, see Controls Section.
- 2 - Requires a SiteManager and override switch. Not compatible with battery back-up, IMS or HL Option.
- 3 - Not compatible with IMS Option
- 4 - Not compatible with DIM or Wireless Control System
- 5 - Not compatible with Wireless Control System
- 6 - Not available with BB, CWBB, IMS Option or Wireless Control System
- 7 - IMS is the WattStopper Dual Sensor (Daylight & Motion) which is field adjustable, via a handheld remote configurator tool<sup>7</sup>
- 8 - Output based on type 3 optics in cool white color temperature, see IES files for exact delivered lumens

## DIMENSIONS



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_

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LSI INDUSTRIES INC.



# AirLink™

enabled by Synapse®

## Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect up to two (2) sensors into the outdoor AirLink wireless lighting system.

## Features

- 2% Utility Grade Power Monitoring
- Up to 80% Savings through smart dimming
- True On/Off functionality via switched relay
- Seamlessly integrates into the outdoor AirLink wireless lighting control solution & Self-healing Mesh Networking
- Relay closes on power loss
- Supports a wide range of LED drivers and fixtures
- Class 1 / Class 2 0-10V Dimming Control
- Direct Connect up to two (2) to 24V Occupancy Sensors and Photocells (consult sales for compatible list)
- Secure, over-the-air upgrades to support future enhancements
- Excellent RF Range — 1,000ft LoS between controllers
- Available in a metal cased version with quick connect terminal blocks
- Lights default to on for safety

## Specifications

### Regulatory Approvals

- FCC, IC, CE certified
- cULus Listed
- California Title 24 compliant

### Power and Performance

- Operating environmental: -40°F to 131°F (-40°C to 55°C)
- Input power: 100–277 VAC +/- 10% (Max 305V) 47/64 Hz
- Switched output: Default ON; Zero Cross Switching
- Load rating: 5A @ 100V to 277V (+/- 10%)
- Dimming: 0–10V control; Output: Class 1/2 - 20mA Source Max / 50mA Sink Max
- Power monitoring: Utility grade - 2% accuracy
- Sensors inputs: 0–10V (photocell sensors), 0–24V (all other sensors); Sensor power supply: 24VDC @ 50mA

### Other

- Dimensions: 8.2" L x 2.3" W x 1.3" H (209mm L x 59mm W x 33mm H) without antennas
- Radio: SNAP 2.4 GHz; 802.15.4; +20 dBm Transmit Power; -105 dBm Receive Sensitivity
- Warranty: 5 years

## Contact LSI Controls



Sales  
controls.sales@lsi-industries.com



Support  
controls.support@lsi-industries.com  
1 (800) 436-7800 (support, option 8)



More information  
For more information on AirLink, visit our website at [www.lsi-airlink.com/airlink](http://www.lsi-airlink.com/airlink)

## LED AREA LIGHTS - LSI SLICE SMALL (XLCS)



US & Int'l. patents pending

**SMARTTEC™** - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

**ENERGY SAVING CONTROL OPTION - DIM** - 0-10 volt dimming enabled with controls by others.

**LEDS** - Select high-brightness LEDs in Cool White (5000K), or Neutral White (4000K) color temperature, 70 CRI.

**DISTRIBUTION/PERFORMANCE** - Types 3, FT, 5 and enhanced 5E and FTE. Exceptional uniformity creates bright environment at lower light levels. Internal Louver (IL) option available for improved backlight control without sacrificing street side performance for FT distribution.

**HOUSING** - One-piece, die-formed aluminum housing contains factory prewired driver. Wiring access door (with safety lanyard) located underneath.

**OPTICAL UNIT** - Clear tempered flat glass lens permanently sealed to weather-tight aluminum optic frame creates an IP65 rated optical unit (includes pressure-stabilizing breather).

**MOUNTING** - Tapered rear design allows fixtures to be mounted in 90° and 120° configurations without the need for extension arms. Use with 3" reduced drilling pattern. A round pole plate is required for mounting to round poles. Wall mount available by ordering wall mounting bracket (BKS-XBO-WM-\*CLR). Proprietary pole quick mount accessories available with horizontal mounting or fixed 15° angled mounting (PQMH-KIT-CLR and PQM15-KIT-CLR) for mounting to square poles. See Accessory Ordering Information chart for all brackets.

**ELECTRICAL** - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277 VAC (50/60Hz input), and 347-480 VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified).

**DRIVER** - Available in SS (Super Saver) and HO (High Output) drive currents. Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F)

**FINISH** - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Available in black, bronze and white. Other standard LSI finishes available. Consult factory.

**WARRANTY** - LSI LED fixtures carry a limited 5-year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**SHIPPING WEIGHT (in carton)** - One fixture: 17.5 lbs. (7.9 kg). Packed two per carton: 30 lbs. (13.6 kg).

**LISTING** - UL listed to U.S. and international safety standards. Suitable for wet locations. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at [www.designlights.org](http://www.designlights.org).

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



IP65

Fixtures comply with ANSI C136.31-2010 American National Standard for Roadway Lighting Equipment - Luminaire Vibration 1.5G requirements.

### DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

LIGHT OUTPUT - XLCS						
	Lumens (Nominal)					
	Type 3	Type FT	Type 5	Type5E	TypeFTE	Watts (Nominal)
Cool White	SS	10100	11400	11400	8200	7800
	HO	14000	15500	15700	11600	10600
Neutral White	SS	9700	10400	10800	7900	7500
	HO	13400	14700	15200	11000	10500

LED Chips are frequently updated therefore values may increase.



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

Catalog # \_\_\_\_\_

10/24/16

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# LED AREA LIGHTS - LSI SLICE SMALL (XLCS)

## LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XLCS S LED SS 50 UE BLK PCR**

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
XLCS	3 - Type III 5 - Type V FT - Forward Throw 5E - Type V Enhanced FTE - Forward Throw Enhanced	LED	SS - Super Saver HO - High Output	50 - 5000K 40 - 4000K	UE - Universal Voltage (120-277V)  347-480 Universal Voltage (347-480V)	BLK - Black BRZ - Bronze WHT - White	DIM - 0-10V Dimming (from external signal) Button Type Photocells PCI120 - 120V PCI208-277V - 208-277V PCI347 - 347V IL - Internal Louver (available with FT distribution only)

### LUMINAIRE EPA CHART - PLCS

Horizontal Mounting Only	
■ Single	0.4
■-■ D180°	0.8
■■■ D90°	0.6
■■■ T90°	1.4
■■■ TN120°	1.4
■■■ Q90°	1.6

Note: House Side Shield adds to fixture EPA. Consult factory.  
EPA. Consult Factory.

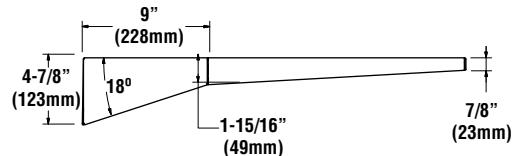
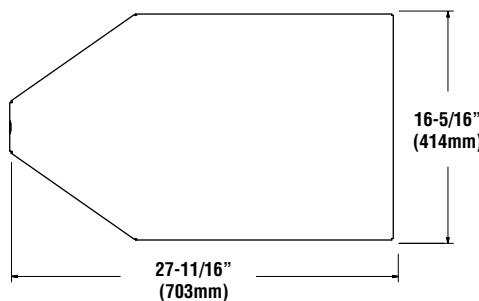
### ACCESSORY ORDERING INFORMATION

(Accessories are field installed)		
Description	Order Number	Description
BKS-XBO-WM-*-CLR Wall Mount Bracket	382132CLR	DFK208, 240 Double Fusing (208V, 240V) DFK208, 240 <sup>2</sup>
XLCS-3/FT-HSS (Black only)	603162BLK <sup>1</sup>	DFK480 Double Fusing (480V) DFK480 <sup>2</sup>
X4RPP Round Pole Plate for 4" Poles	379967CLR	FK347 Single Fusing (347V) FK347 <sup>2</sup>
X5RPP Round Pole Plate for 5" Poles	379968CLR	PQMH-KIT-CLR Square Pole Quick Mount Horizontal Bracket 582328CLR
FK120 Single Fusing (120V)	FK120 <sup>2</sup>	PQM15-KIT-CLR Square Pole Quick Mount Bracket w/fixed 15° Angle 582329CLR
FK277 Single Fusing (277V)	FK277 <sup>2</sup>	

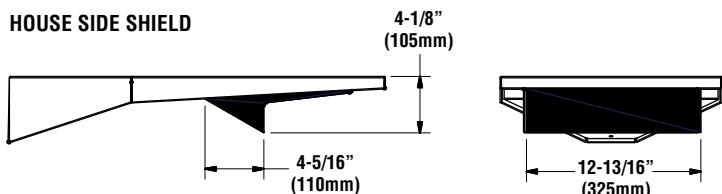
### FOOTNOTES:

- 1 - House Side Shields add to fixture EPA. Consult factory.
- 2 - Fusing must be located in the hand hole of pole.

### DIMENSIONS



### HOUSE SIDE SHIELD



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_

# LED AREA LIGHTS - LSI SLICE SMALL (XLCS)

## BUG LISTING

### XLCS - Type 3

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	14,020	143	98	B3-U0-G2
	CW-HSS	8815	146	60	B2-U0-G2
	NW	13,421	143	94	B3-U0-G2
SS	CW	10,126	97	105	B3-U0-G2
	NW	9719	97	101	B3-U0-G2

### XLCS - Type 5E

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	11,581	146	79	B4-U0-G2
	NW	10,996	146	75	B4-U0-G2
SS	CW	8202	96	85	B3-U0-G2
	NW	7908	96	82	B3-U0-G2

### XLCS - Type 5

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	15,674	138	113	B4-U0-G2
	NW	15,184	146	104	B4-U0-G2
SS	CW	11,449	96	119	B3-U0-G2
	NW	10,762	96	112	B3-U0-G1

### XLCS - Type FTE

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	10585	141	75	B2-U0-G2
	CW-HSS	7810	146	53	B1-U0-G2
	NW	10,499	146	72	B2-U0-G2
	NW-HSS	7721	146	53	B1-U0-G2
SS	CW	7752	96	81	B1-U0-G2
	CW-HSS	5676	96	59	B1-U0-G2
	NW	7493	96	78	B1-U0-G2
	NW-HSS	5517	96	57	B1-U0-G2

### XLCS - Type FT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
HO	CW	15,535	139	112	B3-U0-G2
	CW-HSS	12,489	139	90	B1-U0-G2
	CW-IL	14,384	138	104	B3-U0-G2
	NW	14,694	146	100	B3-U0-G2
	NW-HSS	10,499	144	73	B1-U0-G2
	NW-IL	12,763	144	89	B2-U0-G2
SS	CW	11,383	96	118	B2-U0-G2
	CW-HSS	9099	96	95	B1-U0-G2
	CW-IL	10,509	96	109	B2-U0-G2
	NW	10,410	96	108	B2-U0-G2
	NW-HSS	7699	99	78	B1-U0-G2
	NW-IL	9328	98	95	B2-U0-G2

\* Color Temperature: NW-4000K, CW-5000K



Project Name \_\_\_\_\_ | Fixture Type \_\_\_\_\_

10/24/16

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Catalog # \_\_\_\_\_

LSI INDUSTRIES INC.

# LED SOFFIT LIGHT (XSL2)



## DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

US patents D574994 & D595896 & 7828456 and US & Int'l. patents pending

**EXPECTED LIFE** - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

**LEDS** - Select high-brightness LEDs. Cool White 5000K color temperature, 69 CRI.

**DRIVER CURRENT** - Super saver (SS) - most economical and highest lumens per watt or High Output (HO) - highest output per initial dollar.

**DISTRIBUTION/PERFORMANCE** - Type S (Symmetric) or 5A (Type 5). Excellent uniformity with Bug rating of BU-UO-G1. Optional diffused lens available to reduce visibility of diodes

**HOUSING/OPTICAL UNIT** - Housing is die-formed aluminum with a gasketed clear tempered glass lens providing a water-resistant seal. Weather-tight aluminum enclosure contains factory prewired driver to ensure no water entry. Sealed optical unit containing LEDs rated IP67.

**MOUNTING** - Direct mounts with screws through the trim frame (standard). Optional channel bar kit available to suspend assembly from ceiling joists. 12" clearance required for ease of installation.

**ELECTRICAL** - Universal frequency power supply (50/60 Hz). Supply voltage must be specified for pre-wired thermal protectors.

**DRIVER** - State-of-the-art driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Driver will operate with input of 120/208/240/277V (50/60 Hz). Components are fully encased in potting material for moisture resistance. Driver complies with IEC and FCC standards.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F).

**FINISH** - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard color is white.

**WARRANTY** - LSI LED fixtures carry a limited 5-year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**LISTING** - Listed to U.S. and Canadian safety standards. Suitable for damp locations.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



FC

IP67

LIGHT OUTPUT - XSL2			
	Clear Lens	Lumens	Watts
<b>Type S</b>	SS - Super Saver	6,193	60
	HO - High Output	8,348	86
<b>Type 5A</b>	SS - Super Saver	5,158	60
	HO - High Output	6,959	86
Diffused Lens			
<b>Type S</b>	SS - Super Saver	5,752	60
	HO - High Output	6,751	87
<b>Type 5A</b>	SS - Super Saver	4,393	60
	HO - High Output	5,842	87
LPW			
81			

LED Chips are frequently updated therefore values may increase.



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

09/27/19

Catalog # \_\_\_\_\_

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LSI INDUSTRIES INC.

# LED SOFFIT LIGHT (XSL2)

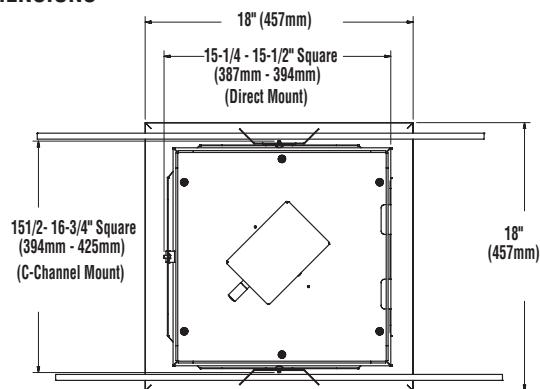
## PRODUCT ORDERING INFORMATION

TYPICAL ORDER EXAMPLE:

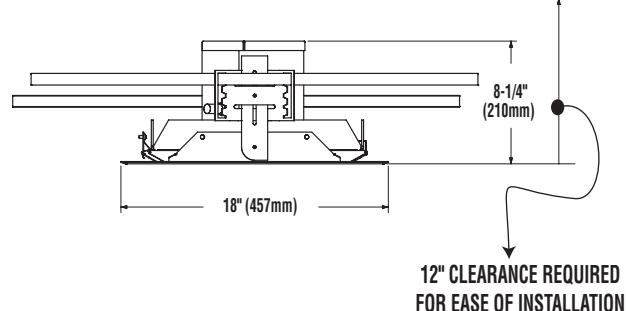
**XSL2 S LED 50 SS CW 120 WHT CMT**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XSL2 - Soffit Light	S - Symmetric 5A - Type 5	LED	50	HO - High Output SS - Super Saver	CW - Cool White (5000° K nom.)	120 208 240 277 347	WHT - White	CMT - Channel Bar Mounting Kit DM - Direct Mount DFL - Diffused Lens

## DIMENSIONS

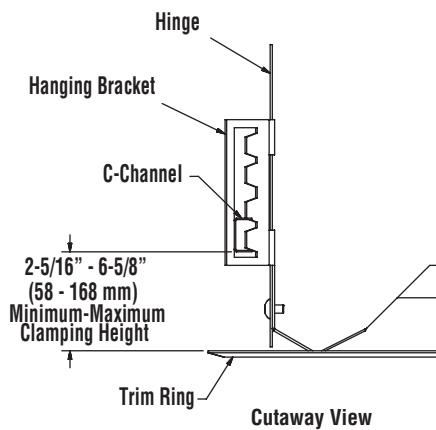


TOP VIEW



SIDE VIEW  
(Channel Mount Shown)

SHIPPING WEIGHT - 14 lbs. (6.4kg)



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

Catalog # \_\_\_\_\_

09/27/19

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LSI INDUSTRIES INC.

# LED SOFFIT LIGHT (XSL2)



## DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

US patents D574994 & D595896 & 7828456 and US & Int'l. patents pending

**EXPECTED LIFE** - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

**LEDS** - Select high-brightness LEDs. Cool White 5000K color temperature, 69 CRI.

**DRIVER CURRENT** - Super saver (SS) - most economical and highest lumens per watt or High Output (HO) - highest output per initial dollar.

**DISTRIBUTION/PERFORMANCE** - Type S (Symmetric) or 5A (Type 5). Excellent uniformity with Bug rating of BU-UO-G1. Optional diffused lens available to reduce visibility of diodes

**HOUSING/OPTICAL UNIT** - Housing is die-formed aluminum with a gasketed clear tempered glass lens providing a water-resistant seal. Weather-tight aluminum enclosure contains factory prewired driver to ensure no water entry. Sealed optical unit containing LEDs rated IP67.

**MOUNTING** - Direct mounts with screws through the trim frame (standard). Optional channel bar kit available to suspend assembly from ceiling joists. 12" clearance required for ease of installation.

**ELECTRICAL** - Universal frequency power supply (50/60 Hz). Supply voltage must be specified for pre-wired thermal protectors.

**DRIVER** - State-of-the-art driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Driver will operate with input of 120/208/240/277V (50/60 Hz). Components are fully encased in potting material for moisture resistance. Driver complies with IEC and FCC standards.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F).

**FINISH** - Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard color is white.

**WARRANTY** - LSI LED fixtures carry a limited 5-year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**LISTING** - Listed to U.S. and Canadian safety standards. Suitable for damp locations.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



FC

IP67

LIGHT OUTPUT - XSL2			
	Clear Lens	Lumens	Watts
<b>Type S</b>	SS - Super Saver	6,193	60
	HO - High Output	8,348	86
<b>Type 5A</b>	SS - Super Saver	5,158	60
	HO - High Output	6,959	86
Diffused Lens			
<b>Type S</b>	SS - Super Saver	5,752	60
	HO - High Output	6,751	87
<b>Type 5A</b>	SS - Super Saver	4,393	60
	HO - High Output	5,842	87
LPW			
81			

LED Chips are frequently updated therefore values may increase.



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

09/27/19

Catalog # \_\_\_\_\_

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LSI INDUSTRIES INC.

# LED SOFFIT LIGHT (XSL2)

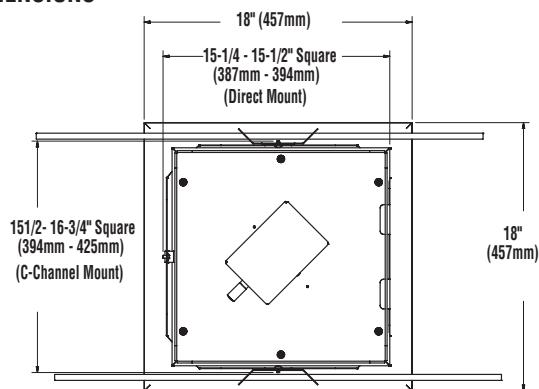
## PRODUCT ORDERING INFORMATION

TYPICAL ORDER EXAMPLE:

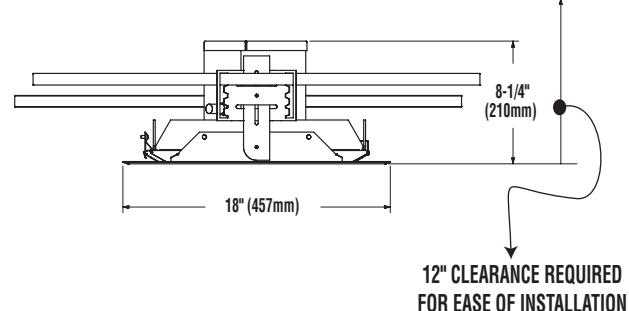
**XSL2 S LED 50 SS CW 120 WHT CMT**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XSL2 - Soffit Light	S - Symmetric 5A - Type 5	LED	50	HO - High Output SS - Super Saver	CW - Cool White (5000° K nom.)	120 208 240 277 347	WHT - White	CMT - Channel Bar Mounting Kit DM - Direct Mount DFL - Diffused Lens

## DIMENSIONS

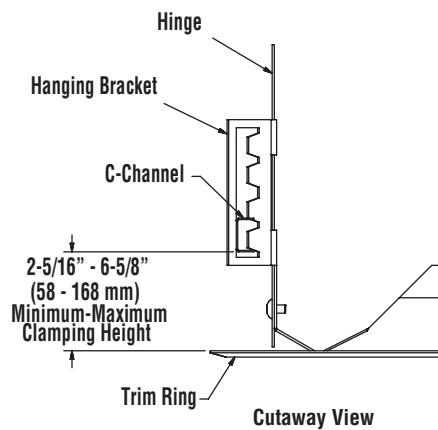


TOP VIEW



SIDE VIEW  
(Channel Mount Shown)

SHIPPING WEIGHT - 14 lbs. (6.4kg)



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_

Catalog # \_\_\_\_\_

09/27/19

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